ABSTRACT

The invention involves an arrow system having a shaft having a first end and an insert receptive of a standard point, the insert being disposed completely within the first end of the shaft. An insert installation tool may be used as part of the invention to facilitate insertion of the insert into the first end of the shaft. The invention further includes a reduced diameter hunting arrow shaft that maintains sufficient spine and weight characteristics. The reduced diameter hunting arrow shaft is receptive of standard or non-standard internal components for increasing arrow penetration and shot accuracy. Still further, the invention includes an arrow tip assembly including a male insert and a female point to assist in aligning points with arrow shafts.